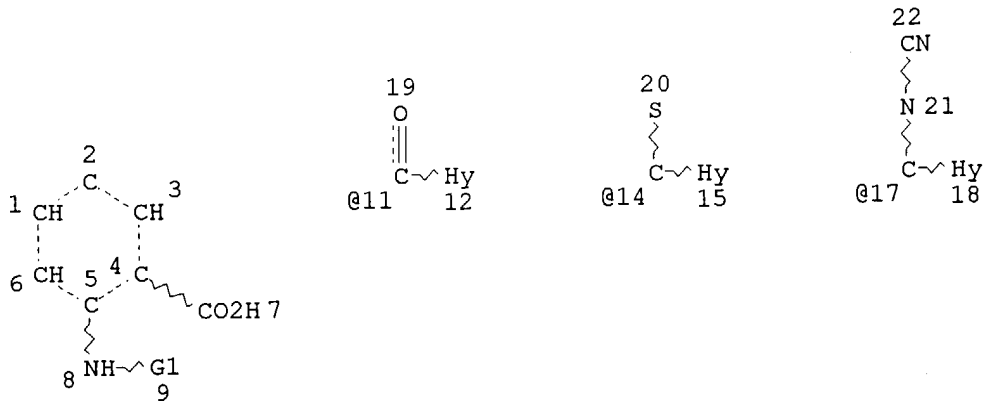


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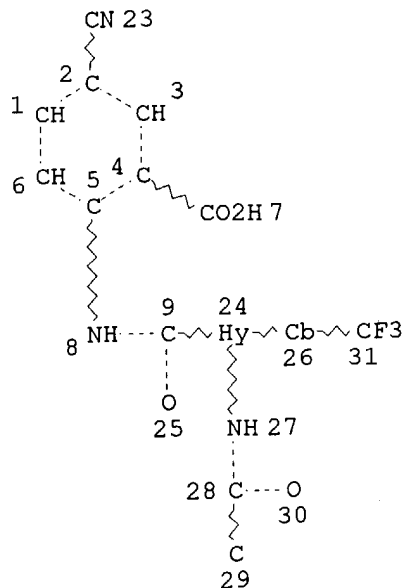
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L4 STR



VAR G1=11/14/17
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 19

STEREO ATTRIBUTES: NONE
L6 1430 SEA FILE=REGISTRY SSS FUL L4
L17 STR



Species

NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
GGCAT IS PCY AT 24

Searcher : Shears 571-272-2528

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DEFAULT ECLEVEL IS LIMITED
ECOUNT IS E1 N E1 O AT 24

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 18

STEREO ATTRIBUTES: NONE
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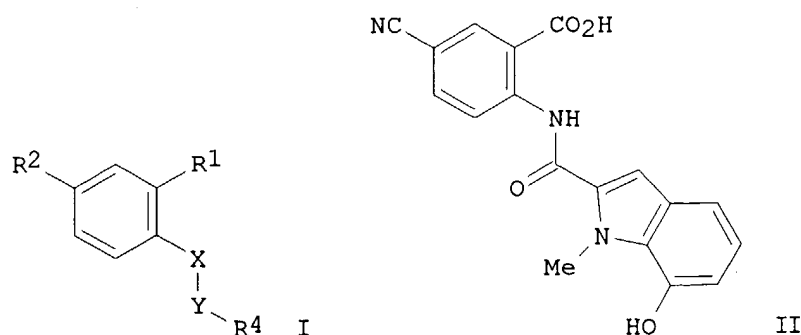
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1 ANSWERS

(FILE 'CAPLUS' ENTERED AT 15:46:59 ON 16 SEP 2004)
L19 1 S L18

L19 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2004:182843 CAPLUS
DOCUMENT NUMBER: 140:235498
TITLE: Preparation of antibacterial benzoic acid derivatives
INVENTOR(S): Thorarensen, Atli; Ruble, Craig J.; Fisher, Jed F.;
Romero, Donna L.; Beauchamp, Thomas J.; Northuis, Jill
M.
PATENT ASSIGNEE(S): Pharmacia & Upjohn Company, USA
SOURCE: PCT Int. Appl., 500 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004018428	A1	20040304	WO 2003-US24796	20030822
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2004110802	A1	20040610	US 2003-645802	20030820
PRIORITY APPLN. INFO.:			US 2002-405429P	P 20020823
			US 2002-430592P	P 20021203
OTHER SOURCE(S):	MARPAT 140:235498			
GI				



AB Title compds. I [X = NH; Y = CO, CS, C(NCN), or X and Y together form an alkene or cycloalkyl; R1 = CO2H; R2 = electron withdrawing group; R4 = (un)substituted heterocycle, provided that the heterocycle is not simultaneously substituted with a sulfonamide and a urea or thiourea] and their pharmaceutically acceptable salts are prepared and disclosed as antibacterial agents. Thus, e.g., II was prepared via conversion of 7-(benzyloxy)-1-methyl-1H-indole-2-carboxylic acid (preparation given) to the

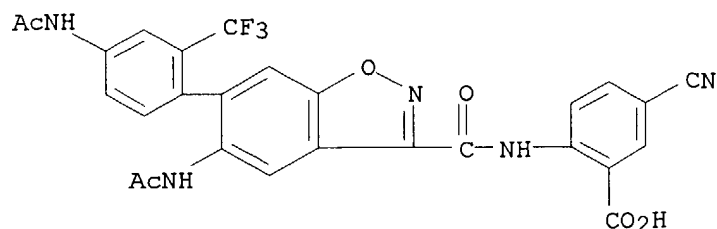
acid chloride which is reacted with tert-butyl-2-amino-5-cyanobenzoate then subjected to hydrolysis. For compds. of the invention, the min. inhibitory concentration was determined and found to correspond to a range of 0.0075 - >128 µg/mL. The invention provides antimicrobial agents and methods of using the agents for sterilization, sanitation, antiseptics, disinfection, and treatment of infections in mammals.

IT **668970-61-4P**

RL: BSU (Biological study, unclassified); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzoic acid derivs. as antibacterial agents)

RN 668970-61-4 CAPLUS

CN Benzoic acid, 2-[[[5-(acetylamino)-6-[4-(acetylamino)-2-(trifluoromethyl)phenyl]-1,2-benzisoxazol-3-yl]carbonyl]amino]-5-cyano- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

4

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

FILE 'CAOLD' ENTERED AT 15:48:32 ON 16 SEP 2004

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L20 0 S L18

FILE 'USPATFULL' ENTERED AT 15:48:37 ON 16 SEP 2004
L21 1 S L18

L21 ANSWER 1 OF 1 USPATFULL on STN
ACCESSION NUMBER: 2004:145129 USPATFULL
TITLE: Antibacterial benzoic acid derivatives
INVENTOR(S): Thorarensen, Atli, O'Fallon, MO, UNITED STATES
Ruble, J. Craig, Greenwood, IN, UNITED STATES
Fisher, Jed F., Kalamazoo, MI, UNITED STATES
Romero, Donna Lee, Chesterfield, MO, UNITED STATES
Beauchamp, Thomas J., Noblesville, IN, UNITED STATES
Northuis, Jill M., Portage, MI, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004110802	A1	20040610
APPLICATION INFO.:	US 2003-645802	A1	20030820 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-405429P	20020823 (60)
	US 2002-430592P	20021203 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	PHARMACIA & UPJOHN, 301 HENRIETTA ST, 0228-32-LAW, KALAMAZOO, MI, 49007	
NUMBER OF CLAIMS:	46	
EXEMPLARY CLAIM:	1	
LINE COUNT:	10219	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
AB	The invention provides antimicrobial agents and methods of using the agents for sterilization, sanitation, antisepsis, disinfection, and treatment of infections in mammals.	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

(FILE 'MEDLINE, BIOSIS, EMBASE' ENTERED AT 15:49:11 ON 16 SEP 2004)
L22 0 S L18

=> fil hom
FILE 'HOME' ENTERED AT 16:04:10 ON 16 SEP 2004